

CPUC Commissioner Committee on Emerging Trends



CPUC Office of the Safety Advocate (OSA)
2017 in Review
Roadmap: 2018 and beyond

December 13, 2017





Agenda

- 1. Introduction
- 2. 2017 in Review
- 3. Roadmap: 2018 and beyond





Introduction

Office of the Safety Advocate Overview

The Governor and legislature approved legislation in late 2016, creating and authorizing the CPUC's new Office of the Safety Advocate (OSA).

The legislation mandates that OSA, among other things:

- Advocate for improvements to public utility safety management systems, safety culture, and aging infrastructure.
- Recommend improvements to the CPUC's own safety management systems and safety culture (Advisory role to the Commission).
- Advocate as a party in proceedings to assist the Commission in its efforts to hold public utilities accountable for their safe operation.

Mission

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2017 in Review: Proceedings

SoCalGas/SDG&E 2019 GRC A.17-10-007/008

Gill Ranch Gas Storage Reorg A.17-02-003: Pending Motion to adopt Settlement Agreement

Wild Goose/Lodi Gas Storage Financial Encumbrance A.17-01-024

PG&E 2017 RAMP I.17-11-003

PG&E 2019 GT&S A.17-11-009

PG&E Safety Culture OII Investigation I.15-08-009

SoCalGas/SDG&E 2016 Risk Assessment Mitigation Phase (RAMP) Investigation I.16-10-015/016

Safety Model Assessment Proceeding (SMAP) A.15-05-002, et al

- * Metrics Technical Working Group: Currently in Comments Phase
- * Risk Assessment Model Test Drive Technical Working Group: Currently in Settlement Discussions

January 2017

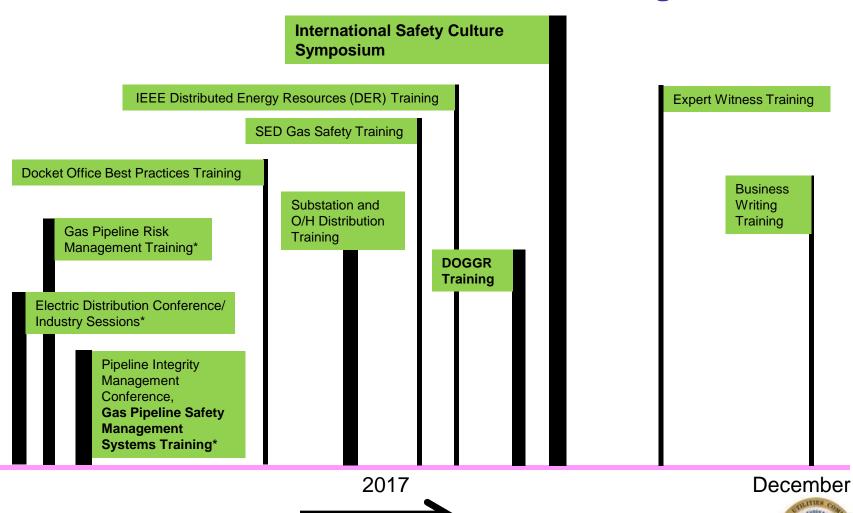


December





2017 in Review: Conferences/Training



5

January



Presented Onboarding & Pop-Up

Safety Culture Training

2017 in Review: Other Activities

Submitted CPUC Safety Flag concern on potential specific utility program gaps

Presented Onboarding Safety Culture Training

Plan March 7, 2018 Safety En Banc on Safety Management Systems

Develop work plan for OSA safety data database

Investigate potential utility electric distribution program gaps

Promote/recommend improvements to CPUC safety management systems and safety culture

Investigate use of Safety Reporting Systems by other regulators

Investigate use of Safety Management Systems by other regulators

Investigate development of OSA field team to asses and identify gaps in utility safety management

Explore CPUC Inter-Agency Agreement with UC Berkeley's Center for Catastrophic Risk Management (CCRM)

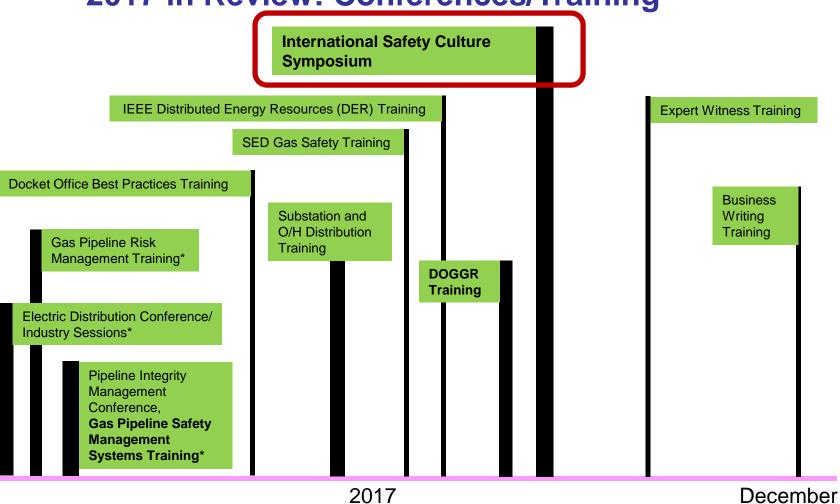
Fill OSA Vacancies

January 2017 December





2017 in Review: Conferences/Training



January

2017

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CHAPTER FIVE: DISCUSSION OF FINDINGS

This inductive qualitative study was designed to answer the question: "What new framework best describes/explains regulator safety culture and its influence on industry safety culture and performance?" The experiences of 16 industry and regulator participants were collected and evaluated to understand the various dimensions of a regulator's safety culture and the manner in which culture influences safety outcomes in the Canadian oil and gas sector.



Comparison of Regulator Safety (Oversight) Cultural Dimensions

Bradley Regulator Safety (Oversight) Culture Dimensions (2016)	Fleming Study Dimensions (2016)	Nuclear Energy Agency (NEA) Regulator Safety Culture Dimensions (2016)	Swiss Federal Nuclear Regulatory Inspectorate Oversight Culture Dimensions (2015)
Leadership and Political Independence	Leadership commitment to creating a positive safety culture Commitment to high ethical standards	Leadership for safety Individual responsibility and accountability	
Learning Culture	Commitment to transparency and open communication	Cooperation and open communication Learning (and continuous improvement)	Overarching collaboration and mutual knowledge and understanding
Innovation	Desire for continuous learning and self-improvement	(Learning and) continuous improvement	Self-reflection and improved oversight
Technical Excellence			Competence and Professionalism
Risk Consciousness	Proactive, risk informed, and flexible approach to regulation		
Systems Thinking		Systemic approach	



Comparison of Regulator Safety (Oversight) Cultural Dimensions

Bradley Regulator	Fleming Study	Nuclear Energy	Swiss Federal
Safety (Oversight)	Dimensions (2016)	Agency (NEA)	Nuclear Regulatory
Culture Dimensions	Dimensions (2010)	Regulator Safety	Inspectorate
(2016)		Culture Dimensions	Oversight Culture
(2010)		(2016)	Dimensions (2015)
Leadership and	Leadership	Leadership for safety	Dimensions (2013)
Political	commitment to	Leadership for safety	
Independence	creating a positive	Individual	
independence	safety culture	responsibility and	
	safety cantare	accountability	
	Commitment to high	accountability	
	ethical standards		
	Commitment to	Cooperation and open	Overarching
Learning Culture	transparency and	communication	collaboration and
Learning Cantare	open communication	Communication	mutual knowledge
	open communication	Learning (and	and understanding
		continuous	una unacistanama
		improvement)	
Innovation	Desire for	(Learning and)	Self-reflection and
	continuous learning	continuous	improved oversight
	and self-	improvement	
	improvement		
Technical Excellence	•		Competence and
			Professionalism
Risk Consciousness	Proactive, risk		
	informed, and		
	flexible approach to		
	regulation		
Systems Thinking		Systemic approach	





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Roadmap: 2018 & Beyond

CPUC Proceedings:

Maintain and expand involvement in CPUC Proceedings.

Hire additional staff and expand training for new and existing staff to stay current with evolving technology and industry practices.

Compare and contrast utility programs to identify best practices, gaps, and corrective actions

Develop OSA safety data database to support prioritization of OSA work and to support OSA testimony and effectiveness in proceedings.

Utility Safety Management, Culture, Infrastructure:

Explore adoption of Canadian regulator Safety Management System model.

Assess utility Safety Management Systems to identify gaps & corrective actions



2018

CPUC Safety Management, Culture:

Continue to improve OSA Safety Culture onboarding trainings

Use CPUC Adaptive Leadership approach to propose expanded Safety Leadership Training for CPUC staff

Expand use of CPUC lobby displays to promote safety and staff collaboration.

Propose pilot program for CPUC safety culture assessment



Questions

